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OM protein - protein search, using sw model

Run on: April 11, 2003, 17:10:00 ; Search time 15 seconds

(without alignments)
11.769 Million cell updates/sec

Title: US-09-502-664A-1

Perfect score: 38

Sequence: 1 CCXXCC 6

Scoring table:

BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database :

1: /cgn2_6/p/ptodata/1/1aa/5a_COMB.pep:*
2: /cgn2_6/p/ptodata/1/1aa/5b_COMB.pep:*
3: /cgn2_6/p/ptodata/1/1aa/6a_COMB.pep:*
4: /cgn2_6/p/ptodata/1/1aa/6b_COMB.pep:*
5: /cgn2_6/p/ptodata/1/1aa/PCTUS_COMB.pep:*
6: /cgn2_6/p/ptodata/1/1aa/backfile01.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-------------------|--------------------|
| 1 | 36 | 94.7 | 24 | US-08-900-230-34 | Sequence 34, App1 |
| 2 | 36 | 94.7 | 36 | PCT-US96-01720-2 | Sequence 2, App1 |
| 3 | 36 | 94.7 | 37 | PCT-US96-01720-1 | Sequence 1, App1 |
| 4 | 36 | 94.7 | 50 | US-08-900-230-8 | Sequence 8, App1 |
| 5 | 36 | 94.7 | 71 | PCT-US96-01720-10 | Sequence 10, App1 |
| 6 | 36 | 94.7 | 71 | PCT-US96-01720-11 | Sequence 11, App1 |
| 7 | 36 | 94.7 | 273 | US-09-149-476-476 | Sequence 476, App1 |
| 8 | 36 | 94.7 | 801 | US-07-906-349A-6 | Sequence 6, App1 |
| 9 | 36 | 94.7 | 1128 | US-09-627-650B-11 | Sequence 11, App1 |
| 10 | 36 | 94.7 | 1128 | US-09-436-063C-11 | Sequence 11, App1 |
| 11 | 36 | 94.7 | 1345 | US-08-977-767-3 | Sequence 3, App1 |
| 12 | 36 | 94.7 | 1400 | US-08-630-915A-37 | Sequence 37, App1 |
| 13 | 36 | 94.7 | 1417 | US-08-900-230-3 | Sequence 3, App1 |
| 14 | 36 | 94.7 | 1652 | US-08-627-650B-1 | Sequence 1, App1 |
| 15 | 36 | 94.7 | 1652 | US-08-436-063C-1 | Sequence 1, App1 |
| 16 | 36 | 94.7 | 1917 | US-09-627-650B-5 | Sequence 5, App1 |
| 17 | 36 | 94.7 | 1917 | US-09-436-063C-5 | Sequence 5, App1 |
| 18 | 36 | 94.7 | 2088 | US-09-548-372D-13 | Sequence 13, App1 |
| 19 | 36 | 94.7 | 2088 | US-09-548-372D-13 | Sequence 13, App1 |
| 20 | 36 | 94.7 | 2211 | US-09-738-884-1 | Sequence 1, App1 |
| 21 | 36 | 94.7 | 2508 | US-09-627-650B-7 | Sequence 7, App1 |
| 22 | 36 | 94.7 | 2508 | US-09-436-063C-7 | Sequence 7, App1 |
| 23 | 36 | 94.7 | 2544 | US-09-627-650B-3 | Sequence 3, App1 |
| 24 | 36 | 94.7 | 2544 | US-09-436-063C-3 | Sequence 3, App1 |
| 25 | 36 | 94.7 | 2601 | US-09-627-650B-9 | Sequence 9, App1 |
| 26 | 36 | 94.7 | 2601 | US-09-436-063C-9 | Sequence 9, App1 |
| 27 | 36 | 94.7 | 3788 | US-09-336-447A-76 | Sequence 76, App1 |

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|----|----|------|-----|-------------------|-------------------|
| 28 | 35 | 92.1 | 23 | US-08-505-486-52 | Sequence 52, App1 |
| 29 | 35 | 92.1 | 23 | US-08-801-028-52 | Sequence 52, App1 |
| 30 | 35 | 92.1 | 23 | US-08-340-154-52 | Sequence 52, App1 |
| 31 | 35 | 92.1 | 23 | US-09-482-611B-52 | Sequence 52, App1 |
| 32 | 35 | 92.1 | 23 | PCT-US95-09338-52 | Sequence 52, App1 |
| 33 | 35 | 92.1 | 23 | PCT-US95-09338-52 | Sequence 52, App1 |
| 34 | 35 | 92.1 | 35 | US-08-804-439A-79 | Sequence 79, App1 |
| 35 | 35 | 92.1 | 35 | US-08-720-229-79 | Sequence 79, App1 |
| 36 | 35 | 92.1 | 109 | US-08-527-044-2 | Sequence 2, App1 |
| 37 | 35 | 92.1 | 109 | US-09-013-780-2 | Sequence 2, App1 |
| 38 | 35 | 92.1 | 689 | US-08-499-964-1 | Sequence 1, App1 |
| 39 | 35 | 92.1 | 690 | US-08-935-433-2 | Sequence 2, App1 |
| 40 | 35 | 92.1 | 690 | US-09-553-132-2 | Sequence 2, App1 |
| 41 | 34 | 89.5 | 6 | US-09-406-781-47 | Sequence 47, App1 |
| 42 | 34 | 89.5 | 6 | US-09-372-338-5 | Sequence 5, App1 |
| 43 | 34 | 89.5 | 9 | US-09-372-338-7 | Sequence 7, App1 |
| 44 | 34 | 89.5 | 13 | US-08-141-892A-12 | Sequence 12, App1 |
| 45 | 34 | 89.5 | 13 | US-08-141-892A-22 | Sequence 22, App1 |

ALIGNMENTS

RESULT 1
US-08-900-230-34
Sequence 34, Application US/08900230
Patent No. 6329197
GENERAL INFORMATION:
APPLICANT: Bard, Jonathan A.
TITLE OF INVENTION: DNA ENCODING GALANIN GALR3 RECEPTORS AND
TITLE OF INVENTION: USAS THEREOF
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESS: Cooper & Dunham LLP
STREET: 1185 Avenue of The Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 11036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/900,230
FILING DATE: 23-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 52241-C/JPM/ADM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE:
HYPOTHEICAL: NO
ANTI-SENSE: NO
US-08-900-230-34
Query Match
Best Local Similarity 94.7%; Score 36; DB 4; Length 24;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
DB 13 CCXXCC 6

RESULT 2
PCT-US96-01720-2
; Sequence 2, Application PC/TUS9601720
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: MODIFIED-AFFINITY STREPTAVIDIN
; NUMBER OF SEQUENCES: 11
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/01720
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/387,055
; FILING DATE: 09-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Parmelee, Steven W.
; REGISTRATION NUMBER: 31,990
; REFERENCE/DOCKET NUMBER: 16336-5PC
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 36 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US96-01720-2

Query Match 94.7%; Score 36; DB 5; Length 36;
Best Local Similarity 66.7%; Pred. No. 1.5e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
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DB 16 CCAACC 21

RESULT 3
PCT-US96-01720-1
; Sequence 1, Application PC/TUS9601720
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: MODIFIED-AFFINITY STREPTAVIDIN
; NUMBER OF SEQUENCES: 11
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/01720
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/387,055
; FILING DATE: 09-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Parmelee, Steven W.
; REGISTRATION NUMBER: 31,990
; REFERENCE/DOCKET NUMBER: 16336-5PC
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 37 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein

PCT-US96-01720-1

Query Match 94.7%; Score 36; DB 5; Length 37;
Best Local Similarity 66.7%; Pred. No. 1.5e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
|| ||
DB 16 CCAACC 21

RESULT 4
US-08-900-230-8
; Sequence 8, Application US/08900230
; Patent No. 6329197
; GENERAL INFORMATION:
; APPLICANT: Baird, Jonathan A.
; TITLE OF INVENTION: DNA ENCODING GALANIN GALR3 RECEPTORS AND
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham LLP
; STREET: 1185 Avenue of The Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11036
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/900,230
; FILING DATE: 23-JUL-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 52241-C/JPW/ADM
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-278-0400
; TELEFAX: 212-391-0525
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 50 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: NO
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-900-230-8

Query Match 94.7%; Score 36; DB 4; Length 50;
Best Local Similarity 66.7%; Pred. No. 1.6e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
|| ||
DB 10 CCAACC 15

RESULT 5
PCT-US96-01720-10
; Sequence 10, Application PC/TUS9601720
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: MODIFIED-AFFINITY STREPTAVIDIN
; NUMBER OF SEQUENCES: 11
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/01720
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/387,055
FILING DATE: 09-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W.
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 16336-5PC
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 71 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-01720-10

Query Match 94.7%; Score 36; DB 5; Length 71;
Best Local Similarity 66.7%; Pred. No. 1.7e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CCXXCC 6
Db 52 CCAACC 57

RESULT 6
PCT-US96-01720-11
Sequence 11, Application PC/TUS9601720
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: MODIFIED-AFFINITY STREPTAVIDIN
NUMBER OF SEQUENCES: 11
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/01720
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/387,055
FILING DATE: 09-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W.
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 16336-5PC
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 71 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
PCT-US96-01720-11

Query Match 94.7%; Score 36; DB 5; Length 71;
Best Local Similarity 66.7%; Pred. No. 1.7e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 CCXXCC 6
Db 52 CCAACC 57

RESULT 7

US-09-149-476-476
Sequence 476, Application US/09149476
Patent No. 6420526
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 186 Human Secreted proteins
FILE REFERENCE: P2002P1
CURRENT APPLICATION NUMBER: US/09/149,476
CURRENT FILING DATE: 1998-09-08
EARLIER APPLICATION NUMBER: PCT/US98/04493
EARLIER FILING DATE: 1998-03-06
EARLIER APPLICATION NUMBER: 60/040,162
EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/040,333
EARLIER FILING DATE: 1997-03-07
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EARLIER FILING DATE: 1997-03-07
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EARLIER FILING DATE: 1997-03-07
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EARLIER FILING DATE: 1997-03-07
EARLIER APPLICATION NUMBER: 60/047,600
EARLIER FILING DATE: 1997-05-23
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EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,632
EARLIER FILING DATE: 1997-05-23
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EARLIER FILING DATE: 1997-05-23
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EARLIER FILING DATE: 1997-04-11
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EARLIER FILING DATE: 1997-04-11

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EARLIER APPLICATION NUMBER: 60/056,886
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,877
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EARLIER APPLICATION NUMBER: 60/056,889
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EARLIER FILING DATE: 1997-08-22
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EARLIER FILING DATE: 1997-08-22
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EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/047,595
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,599

EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,588
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,585
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EARLIER APPLICATION NUMBER: 60/047,590
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EARLIER APPLICATION NUMBER: 60/047,594
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,589
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,593
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/047,614
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,578
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/043,576
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/047,501
EARLIER FILING DATE: 1997-05-23
EARLIER APPLICATION NUMBER: 60/043,670
EARLIER FILING DATE: 1997-04-11
EARLIER APPLICATION NUMBER: 60/056,632
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,664
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,876
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,881
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,909
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EARLIER APPLICATION NUMBER: 60/056,875
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EARLIER APPLICATION NUMBER: 60/056,887
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/056,908
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/048,964
EARLIER FILING DATE: 1997-06-06
EARLIER APPLICATION NUMBER: 60/057,650
EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/056,884
EARLIER FILING DATE: 1997-08-22
EARLIER APPLICATION NUMBER: 60/057,669
EARLIER FILING DATE: 1997-09-05
EARLIER APPLICATION NUMBER: 60/049,610
EARLIER FILING DATE: 1997-06-13
EARLIER APPLICATION NUMBER: 60/061,060
EARLIER FILING DATE: 1997-10-02

Query Match 94.7%; Score 36; DB 4; Length 273;
Best Local Similarity 66.7%; Pred. No. 2e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCAKXC 6
DB 260 CCAATCC 265

RESULT 8
US-07-906-349A-6
Sequence 6; Application US/07906349A
Patent No. 5434064
GENERAL INFORMATION:
APPLICANT: Schlensing, Joseph
APPLICANT: Skolnik, Edward Y.
APPLICANT: Margolis, Benjamin L.

;; TITLE OF INVENTION: A NOVEL EXPRESSION-CLONING METHOD FOR
;; TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE KINASES AN
;; TITLE OF INVENTION: TARGET PROTEINS
;; NUMBER OF SEQUENCES: 16
;; CORRESPONDENCE ADDRESSES:
;; ADDRESSEE: Broadway and Nelmark
;; STREET: 419 Seventh Street, N.W.
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: U.S.A.
;; ZIP: 20004
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/07/906,349A
;; FILING DATE: 30-JUN-1992
;; CLASSIFICATION: 435
;; PRIORITY APPLICATION DATA:
;; APPLICATION NUMBER: 07/643,237
;; FILING DATE: 18-JAN-1991
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-628-5197
;; TELEFAX: 202-737-3528
;; INFORMATION FOR SEQ ID NO: 6:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 801 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: protein
;; US-07-906-349A-6

Query Match 94.7%; Score 36; DB 1; Length 801;
Best local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
DB 429 CCAACC 434

RESULT 9
US-09-627-650B-11
; Sequence 11, Application US/09627650B
; Patent No. 6406872
; GENERAL INFORMATION:
; APPLICANT: Bamber, Bruce
; APPLICANT: Jorgensen, Erik
; TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
; FILE REFERENCE: 21101.000903
; CURRENT APPLICATION NUMBER: US/09/627,650B
; CURRENT FILING DATE: 2000-07-28
; PRIORITY APPLICATION NUMBER: 09/436,063
; PRIORITY FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: 60/107,727
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 1128
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-09-627-650B-11

Query Match 94.7%; Score 36; DB 4; Length 1128;
Best local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6

DB 753 CCAACC 758

RESULT 10
US-09-436-063C-11
; Sequence 11, Application US/09436063C
; Patent No. 6407210
; GENERAL INFORMATION:
; APPLICANT: Bamber, Bruce
; APPLICANT: Jorgensen, Erik
; TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
; FILE REFERENCE: P-1095corrected
; CURRENT APPLICATION NUMBER: US/09/436,063C
; CURRENT FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: 60/107727
; PRIOR FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 1128
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-09-436-063C-11

Query Match 94.7%; Score 36; DB 4; Length 1128;
Best local Similarity 66.7%; Pred. No. 2.3e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
DB 753 CCAACC 758

RESULT 11
US-08-977-767-3
; Sequence 3, Application US/08977767
; Patent No. 5972684
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Yue, Henry
; APPLICANT: Greenwald, Sara
; APPLICANT: Corley, Neil C.
; TITLE OF INVENTION: CARBONIC ANHYDRASE VIII
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/977,767
; FILING DATE: Herewith
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0423 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-855-0555
; TELEFAX: 650-845-4166
; TELEX:

INFORMATION FOR SEQ ID NO: 3;
SEQUENCE CHARACTERISTICS:
LENGTH: 1345 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 1532042
US-08-977-767-3

Query Match 94.7%; Score 36; DB 2; Length 1345;
Best Local Similarity 66.7%; Pred. No. 2.4e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
DB 1112 CCTTCC 1117

RESULT 12
US-08-630-915A-37
Sequence 37, Application US/08630915A
Patent No. 6309820
GENERAL INFORMATION:
APPLICANT: SPARKS, Andrew B.
APPLICANT: HOFFMAN, No. 6309820h
APPLICANT: KAY, Brian R.
APPLICANT: FOLKES, Dana M.
APPLICANT: MCCONNELL, Stephen J.
TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL
TITLE OF INVENTION: DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND
NUMBER OF SEQUENCES: 227
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,915A
FILING DATE: 03-APR-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 1101-174
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
LENGTH: 1400 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-630-915A-37

Query Match 94.7%; Score 36; DB 4; Length 1400;
Best Local Similarity 66.7%; Pred. No. 2.4e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 1 CCXXCC 6
DB 11 11

DB 1350 CCATCC 1355

RESULT 13
US-08-900-230-3
Sequence 3, Application US/08900230
Patent No. 6329197
GENERAL INFORMATION:
APPLICANT: Bard, Jonathan A.
TITLE OF INVENTION: DNA ENCODING GALANIN GALR3 RECEPTORS AND
TITLE OF INVENTION: USES THEREOF
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooper & Dunham LLP
STREET: 1185 Avenue of The Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 11036
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/900,230
FILING DATE: 23-JUL-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 52241-C/JPM/ADM
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-278-0400
TELEFAX: 212-391-0525
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1417 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: NO
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-900-230-3

Query Match 94.7%; Score 36; DB 4; Length 1417;
Best Local Similarity 66.7%; Pred. No. 2.4e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
DB 644 CCTACC 649

RESULT 14
US-09-627-650B-1
Sequence 1, Application US/09627650B
Patent No. 6406872
GENERAL INFORMATION:
APPLICANT: Bamber, Bruce
APPLICANT: Jorgensen, Erik
TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
TITLE OF INVENTION: Methods Related Thereto
FILE REFERENCE: 21101.000903
CURRENT APPLICATION NUMBER: US/09/627,650B
CURRENT FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: 09/436,063
PRIOR FILING DATE: 1999-11-08
PRIOR APPLICATION NUMBER: 60/107,727
PRIOR FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 1
; LENGTH: 1652
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-09-627-650B-1

Query Match 94.7%; Score 36; DB 4; Length 1652;
Best Local Similarity 66.7%; Pred. No. 2.4e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Caps 0;

OY 1 CCXXCC 6
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DB 1254 CCAACC 1259

RESULT 15
US-09-436-063C-1
; Sequence 1, Application US/09436063C
; Patent No. 6407210
; GENERAL INFORMATION:
; APPLICANT: Bamder, Bruce
; APPLICANT: Jorgensen, Erik
; TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and
; TITLE OF INVENTION: Methods Related Thereto
; FILE REFERENCE: P-1095corrected
; CURRENT APPLICATION NUMBER: US/09/436,063C
; PRIOR FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: 60/107727
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 1
; LENGTH: 1652
; TYPE: PRT
; ORGANISM: Caenorhabditis elegans
US-09-436-063C-1

Query Match 94.7%; Score 36; DB 4; Length 1652;
Best Local Similarity 66.7%; Pred. No. 2.4e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Caps 0;

OY 1 CCXXCC 6
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DB 1254 CCAACC 1259

Search completed: April 11, 2003, 17:14:18
Job time : 16 secs

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OM protein - protein search, using sw model

Run on: April 11, 2003, 17:13:50 ; Search time 15 Seconds

(without alignments)

24.454 Million cell updates/sec

Title: US-09-502-664A-1

Perfect score: 38

Sequence: 1 CCKXCC 6

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Gapop 10.0 , Gapext 0.5

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Total number of hits satisfying chosen parameters: 248812

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications_AA:*

- 1: /cgn2_6/ptodata/2/pubppaa/US08_NEW_PUB pep:*
- 2: /cgn2_6/ptodata/2/pubppaa/PCT_NEW_PUB pep:*
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- 8: /cgn2_6/ptodata/2/pubppaa/US08_PUBCOMB pep:*
- 9: /cgn2_6/ptodata/2/pubppaa/US09_NEW_PUB pep:*
- 10: /cgn2_6/ptodata/2/pubppaa/US09_PUBCOMB pep:*
- 11: /cgn2_6/ptodata/2/pubppaa/US10_NEW_PUB pep:*
- 12: /cgn2_6/ptodata/2/pubppaa/US10_PUBCOMB pep:*
- 13: /cgn2_6/ptodata/2/pubppaa/US60_NEW_PUB pep:*
- 14: /cgn2_6/ptodata/2/pubppaa/US60_PUBCOMB pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
|------------|-------|-------------|--------|-----------------------|--------------------|
| 1 | 36 | 94.7 | 71 | 9 US-10-011-931-15 | Sequence 15, App1 |
| 2 | 36 | 94.7 | 71 | 9 US-10-011-931-16 | Sequence 16, App1 |
| 3 | 36 | 94.7 | 273 | 9 US-09-809-391-476 | Sequence 476, App |
| 4 | 36 | 94.7 | 320 | 9 US-10-184-644-565 | Sequence 565, App |
| 5 | 36 | 94.7 | 407 | 10 US-09-925-301-1165 | Sequence 1165, App |
| 6 | 36 | 94.7 | 422 | 9 US-10-184-644-241 | Sequence 241, App |
| 7 | 36 | 94.7 | 485 | 9 US-10-184-644-185 | Sequence 185, App |
| 8 | 36 | 94.7 | 508 | 9 US-10-184-644-243 | Sequence 243, App |
| 9 | 36 | 94.7 | 537 | 9 US-10-184-644-459 | Sequence 459, App |
| 10 | 36 | 94.7 | 544 | 9 US-09-791-932-40 | Sequence 40, App1 |
| 11 | 36 | 94.7 | 535 | 9 US-09-791-932-46 | Sequence 46, App1 |
| 12 | 36 | 94.7 | 636 | 9 US-10-184-644-199 | Sequence 199, App |
| 13 | 36 | 94.7 | 678 | 9 US-09-759-1308-133 | Sequence 133, App |
| 14 | 36 | 94.7 | 678 | 9 US-10-184-644-423 | Sequence 423, App |
| 15 | 36 | 94.7 | 681 | 9 US-10-184-644-317 | Sequence 317, App |
| 16 | 36 | 94.7 | 693 | 9 US-10-184-644-567 | Sequence 567, App |
| 17 | 36 | 94.7 | 708 | 9 US-10-184-644-211 | Sequence 211, App |
| 18 | 36 | 94.7 | 720 | 10 US-09-756-0718-20 | Sequence 20, App1 |
| 19 | 36 | 94.7 | 735 | 9 US-10-184-644-167 | Sequence 167, App |

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| 20 | 36 | 94.7 | 744 | 9 US-10-184-644-255 | Sequence 255, App |
| 21 | 36 | 94.7 | 756 | 9 US-10-184-644-125 | Sequence 125, App |
| 22 | 36 | 94.7 | 759 | 9 US-10-184-644-199 | Sequence 299, App |
| 23 | 36 | 94.7 | 764 | 9 US-10-184-644-463 | Sequence 463, App |
| 24 | 36 | 94.7 | 766 | 9 US-10-184-644-197 | Sequence 197, App |
| 25 | 36 | 94.7 | 773 | 9 US-10-184-644-429 | Sequence 429, App |
| 26 | 36 | 94.7 | 783 | 9 US-10-184-644-341 | Sequence 341, App |
| 27 | 36 | 94.7 | 824 | 9 US-10-184-644-363 | Sequence 363, App |
| 28 | 36 | 94.7 | 843 | 9 US-10-184-644-487 | Sequence 487, App |
| 29 | 36 | 94.7 | 845 | 9 US-10-184-644-501 | Sequence 501, App |
| 30 | 36 | 94.7 | 849 | 9 US-10-184-644-361 | Sequence 361, App |
| 31 | 36 | 94.7 | 859 | 9 US-10-184-644-423 | Sequence 423, App |
| 32 | 36 | 94.7 | 860 | 9 US-10-184-644-195 | Sequence 195, App |
| 33 | 36 | 94.7 | 870 | 9 US-10-184-644-139 | Sequence 139, App |
| 34 | 36 | 94.7 | 899 | 9 US-10-184-644-499 | Sequence 499, App |
| 35 | 36 | 94.7 | 906 | 9 US-10-184-644-541 | Sequence 541, App1 |
| 36 | 36 | 94.7 | 914 | 9 US-09-975-143-47 | Sequence 47, App1 |
| 37 | 36 | 94.7 | 918 | 9 US-10-184-644-475 | Sequence 475, App |
| 38 | 36 | 94.7 | 925 | 9 US-10-184-644-579 | Sequence 579, App |
| 39 | 36 | 94.7 | 957 | 9 US-10-184-644-603 | Sequence 603, App |
| 40 | 36 | 94.7 | 971 | 9 US-10-184-644-85 | Sequence 85, App1 |
| 41 | 36 | 94.7 | 972 | 9 US-10-184-644-443 | Sequence 443, App |
| 42 | 36 | 94.7 | 975 | 10 US-09-886-055-431 | Sequence 431, App |
| 43 | 36 | 94.7 | 997 | 9 US-10-184-644-23 | Sequence 23, App1 |
| 44 | 36 | 94.7 | 1016 | 9 US-10-184-644-39 | Sequence 39, App1 |
| 45 | 36 | 94.7 | 1021 | 9 US-10-184-644-373 | Sequence 373, App |

ALIGNMENTS

RESULT 1
US-10-011-931-15
; Sequence 15, Application US/10011931
; Publication No. US20030026806A1
; GENERAL INFORMATION:
; APPLICANT: WITTE, ALISON
; APPLICANT: VARNOW, BRIAN C.
; APPLICANT: QIAN, ZUENING
; TITLE OF INVENTION: ANTIBODIES AND OTHER SELECTIVE IL-1 BINDING AGENTS THAT ALLOW
; FILE REFERENCE: A-731
; CURRENT APPLICATION NUMBER: US/10/011,931
; CURRENT FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: US 60/244,118
; PRIOR FILING DATE: 2000-10-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 71
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: KAPPA CHAIN CHIMERA
; NAME/KEY: misc.feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: At position 1, P = 5' phosphorylated
US-10-011-931-15

Query Match 94.7%; Score 36; DB 9; Length 71;
Best local Similarity 66.7%; Pred. No. 2e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

DB 15 CCKXCC 20

RESULT 2
US-10-011-931-16
; Sequence 16, Application US/10011931

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; Publication No. US20030026806A1
; GENERAL INFORMATION:
; APPLICANT: WITTE, ALISON
; APPLICANT: VARRUM, BRIAN C.
; APPLICANT: QIAN, ZUENING
; APPLICANT: VEZINA, CHRIS
; TITLE OF INVENTION: ANTIBODIES AND OTHER SELECTIVE IL-1 BINDING AGENTS THAT ALLOW BIN
; TITLE OF INVENTION: IL-1 RECEPTOR BUT NOT ACTIVATION THEREOF
; FILE REFERENCE: A-731
; CURRENT APPLICATION NUMBER: US/10/011,931
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: US 60/244,118
; PRIOR FILING DATE: 2000-10-27
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 71
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: KAPPA CHAIN CHIMERA
; NAME/KEY: misc-feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: At position 1, p = 5' phosphorylated
US-10-011-931-16
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Query Match          94.7%; Score 36; DB 9; Length 71;
Best Local Similarity 66.7%; Pred. No. 2e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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OY 1 CCXXCC 6
DB 22 CCATCC 27
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RESULT 3
US-09-809-391-476
; Sequence 476, Application US/09809391
; Publication No. US20030049618A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 186 Human Secreted proteins
; FILE REFERENCE: P2002P2
; CURRENT APPLICATION NUMBER: US/09/809,391
; CURRENT FILING DATE: 2001-03-16
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 761
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 476
; LENGTH: 273
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (181)
; OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (202)
; OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (203)
; OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (204)
; OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (211)
; OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (212)
; OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
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; LOCATION: (214)
; OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (273)
; OTHER INFORMATION: xaa equals stop translation
US-09-809-391-476
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Query Match          94.7%; Score 36; DB 9; Length 273;
Best Local Similarity 66.7%; Pred. No. 2.7e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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OY 1 CCXXCC 6
DB 260 CCATCC 265
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RESULT 4
US-10-184-644-565
; Sequence 565, Application US/10184644
; Publication No. US20030044930A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C227
; CURRENT APPLICATION NUMBER: US/10/184,644
; CURRENT FILING DATE: 2002-06-28
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 565
; LENGTH: 320
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-184-644-565
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Query Match          94.7%; Score 36; DB 9; Length 320;
Best Local Similarity 66.7%; Pred. No. 2.8e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY 1 CCXXCC 6
DB 217 CCATCC 222
```

```
RESULT 5
US-09-925-301-1165
; Sequence 1165, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA106
; CURRENT APPLICATION NUMBER: US/09/925,301
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05882
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1694
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1165
; LENGTH: 407
; TYPE: PRT
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ORGANISM: Homo sapiens
US-09-925-301-1165

Query Match 94.7% Score 36; DB 10; Length 407;
Best Local Similarity 66.7% Pred. No. 2.9e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6
DB 8 CCSSCC 13

RESULT 6
US-10-184-644-241
Sequence 241, Application US/10184644
Publication No. US20030044930A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C227
CURRENT APPLICATION NUMBER: US/10/184,644
CURRENT FILING DATE: 2002-06-28
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 241
LENGTH: 422
TYPE: DNA
ORGANISM: Homo Sapien
US-10-184-644-241

Query Match 94.7% Score 36; DB 9; Length 422;
Best Local Similarity 66.7% Pred. No. 2.9e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6
DB 33 CCATCC 38

RESULT 7
US-10-184-644-185
Sequence 185, Application US/10184644
Publication No. US20030044930A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C227
CURRENT APPLICATION NUMBER: US/10/184,644
CURRENT FILING DATE: 2002-06-28
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612

SEQ ID NO 185
LENGTH: 485
TYPE: DNA
ORGANISM: Homo Sapien
US-10-184-644-185

Query Match 94.7% Score 36; DB 9; Length 485;
Best Local Similarity 66.7% Pred. No. 3e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6
DB 298 CCTTCC 303

RESULT 8
US-10-184-644-243
Sequence 243, Application US/10184644
Publication No. US20030044930A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C227
CURRENT APPLICATION NUMBER: US/10/184,644
CURRENT FILING DATE: 2002-06-28
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 243
LENGTH: 508
TYPE: DNA
ORGANISM: Homo Sapien
US-10-184-644-243

Query Match 94.7% Score 36; DB 9; Length 508;
Best Local Similarity 66.7% Pred. No. 3.1e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6
DB 144 CCTTCC 149

RESULT 9
US-10-184-644-459
Sequence 459, Application US/10184644
Publication No. US20030044930A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3430R1C227
CURRENT APPLICATION NUMBER: US/10/184,644

;; CURRENT FILING DATE: 2002-06-28
;; Prior Application removed - See file wrapper or Palm
;; NUMBER OF SEQ ID NOS: 612
;; SEQ ID NO 459
;; LENGTH: 537
;; TYPE: DNA
;; ORGANISM: Homo Sapien
US-10-184-644-459

Query Match 94.7%; Score 36; DB 9; Length 537;
Best Local Similarity 66.7%; Pred. No. 3.1e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6
DB 325 CCTTCC 330

RESULT 10
US-09-791-932-40
; Sequence 40, Application US/09791932
; Publication No. US2003003451A1
; GENERAL INFORMATION:
; APPLICANT: Vogeli, Gabriel
; APPLICANT: Parodi, Luis A.
; APPLICANT: Hiesch, Ronald R.
; APPLICANT: Lind, Peter
; APPLICANT: Kaytes, Paul S.
; APPLICANT: Ruff, Valerie
; APPLICANT: Huff, Rita M.
; APPLICANT: Wood, Linda S.
; TITLE OF INVENTION: No. US2003003451A1e1 G Protein-Coupled Receptors Cross-Referen
; FILE REFERENCE: 00325 US1
; CURRENT FILING DATE: 2001-02-23
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/184,305
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,304
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,303
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,397
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,247
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/188,880
; PRIOR FILING DATE: 2000-03-13
; PRIOR APPLICATION NUMBER: 60/217,369
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/213,370
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/218,492
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: 60/186,810
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/189,064
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: 60/186,457
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: 60/213,861
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: 60/194,344
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 60/218,337
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 40
; LENGTH: 544
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-791-932-40

Query Match 94.7%; Score 36; DB 9; Length 544;
Best Local Similarity 66.7%; Pred. No. 3.1e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6
DB 424 CCTACC 429

RESULT 11
US-09-791-932-46
; Sequence 46, Application US/09791932
; Publication No. US2003003451A1
; GENERAL INFORMATION:
; APPLICANT: Vogeli, Gabriel
; APPLICANT: Parodi, Luis A.
; APPLICANT: Hiesch, Ronald R.
; APPLICANT: Lind, Peter
; APPLICANT: Kaytes, Paul S.
; APPLICANT: Ruff, Valerie
; APPLICANT: Huff, Rita M.
; APPLICANT: Wood, Linda S.
; TITLE OF INVENTION: No. US2003003451A1e1 G Protein-Coupled Receptors Cross-Ref
; FILE REFERENCE: 00325 US1
; CURRENT FILING DATE: 2001-02-23
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/184,305
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,304
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,303
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,397
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,247
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/188,880
; PRIOR FILING DATE: 2000-03-13
; PRIOR APPLICATION NUMBER: 60/217,369
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/213,370
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/218,492
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: 60/186,810
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 60/188,064
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: 60/186,457
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: 60/213,861
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: 60/194,344
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 60/218,337
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 46
; LENGTH: 575
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-791-932-46

Query Match 94.7%; Score 36; DB 9; Length 575;
Best Local Similarity 66.7%; Pred. No. 3.2e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6
DB 15 CCTTCC 20

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RESULT 12
US-10-184-644-199
; Sequence 199, Application US/10184644
; Publication No. US20030044930A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jlan
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C227
; CURRENT APPLICATION NUMBER: US/10/184,644
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 199
; LENGTH: 636
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-184-644-199

Query Match          94.7%; Score 36; DB 9; Length 636;
Best Local Similarity 66.7%; Pred. No. 3.3e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
DB 426 CCATCC 431

RESULT 13
US-09-759-1308-133
; Sequence 133, Application US/097591308
; Publication No. US20030022279A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: McCarthy, Sean A
; APPLICANT: Fraser, Christopher C
; APPLICANT: Sharp, John D
; APPLICANT: Barnes, Thomas S
; APPLICANT: Kirscl, Susan J
; APPLICANT: Mackay, Charles R
; APPLICANT: Myers, Paul S
; APPLICANT: Leiby, Kevin R
; APPLICANT: Wrighton, Nicolas
; APPLICANT: Goodheart, Andrew
; APPLICANT: Holtzman, Douglas A
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
; TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER
; FILE REFERENCE: MP100-5350NM1
; CURRENT APPLICATION NUMBER: US/09/759,1308
; PRIOR FILING DATE: 2002-09-16
; PRIOR APPLICATION NUMBER: US 09/479,249
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/559,497
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
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; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/602,871
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 09/420,707
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 678
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-759-1308-133

Query Match          94.7%; Score 36; DB 9; Length 678;
Best Local Similarity 66.7%; Pred. No. 3.3e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
DB 598 CCATCC 603

RESULT 14
US-10-184-644-427
; Sequence 427, Application US/10184644
; Publication No. US20030044930A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jlan
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C227
; CURRENT APPLICATION NUMBER: US/10/184,644
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 427
; LENGTH: 678
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-184-644-427

Query Match          94.7%; Score 36; DB 9; Length 678;
Best Local Similarity 66.7%; Pred. No. 3.3e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
DB 263 CCATCC 268

RESULT 15
US-10-184-644-317
; Sequence 317, Application US/10184644
; Publication No. US20030044930A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jlan
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
```

; APPLICANT: Gurney,Austin L.
; APPLICANT: Pan,James
; APPLICANT: Smith,Victoria
; APPLICANT: Matanabe,Colin K.
; APPLICANT: Wood,William I.
; APPLICANT: Zhang,Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C227
; CURRENT APPLICATION NUMBER: US/10/184,644
; CURRENT FILING DATE: 2002-06-28
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 317
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-184-644-317

Query Match 94.7%; Score 36; DB 9; Length 681;
Best Local Similarity 66.7%; Pred. NO. 3.3e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 1 CCXXCC 6
11 11
Db 102 CCTGCC 107

Search completed: April 11, 2003, 17:17:52
Job time : 16 secs